

**REMARKS**

Claims 1-75 remain pending in the application. Favorable reconsideration is respectfully requested in view of the above amendments and the following remarks.

The Office has required restriction to one of the following inventions under 35 U.S.C. § 121:

Group I, claims 1-34, 55-59, and 60-75 drawn to determining a two-dimensional compensation setting based on at least two measurements at knowledge about characteristic function that describes the input-output relationship of the device to be calibrated, classified in class 455, subclass 67.14.

Group II, claims 35-47 [sic: 35-48?], drawn to select an optimal compensation setting from a set of measurements in a one-dimensional compensation problem, classified in class 455, subclass 67.13.

Group III, claims 49-54, drawn to determine whether a device is within calibration range, classified in class 455, subclass 115.1.

In response, Applicant elects the invention defined as Group I for prosecution in the application. This group is represented by claims 1-34, 55-59, and 60-75.

The application is believed to be in condition for allowance. Prompt notice of same is earnestly solicited.

Respectfully submitted,  
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